

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE <i>(ER 1130-2-306)</i>						PAGE 1 OF 2	
TO: The Record						FROM: U.S. Army Corps of Engineers 26 Federal Plaza, ATTN: CENAN-OP-ST New York, NY 10278-0090	
RIVER/HARBOR NAME AND STATE: Flushing Bay and Creek, NY						MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD	
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)			
Reach A (Main Channel): From deep water in the East River approximately 1,440 feet seaward of RED BUOY #4 to a point approximately 110 feet landward of GREEN CAN #13.	Map 67 Pg 1, 2, & 3 of 5; 25, 26, & 30 Apr., & 5 May 2007	300 - 200	1.49	15	12.8	14.1	9.1
Reach B (Creek Channel): From a point approximately 110 feet landward of GREEN CAN #13 to a point approximately 1,690 feet landward of RED NUN #18 at the Whitestone Parkway Bridge.	Map 67 Pg 3 & 4 of 5; 25, 26, & 30 Apr., & 5 May 2007	200 - 135	0.45	15	10.6	11.7	8.6
Reach C (Creek Channel): From a point approximately 1,690 feet landward of RED NUN #18 at the Whitestone Parkway Bridge to a point approximately 1,300 feet landward at the Northern Boulevard Bridge.	Map 67 Pg 4 of 5; 25, 26, & 30 Apr., & 5 May 2007	200 - 75	0.21	15	4.1	9.3	4.7
Reach D (Creek Channel): From the Northern Boulevard Bridge to a point approximately 1,425 feet landward (550 feet downstream of the Van Wyck Expressway Bridge).	Map 67 Pg 4 of 5; 25, 26, & 30 Apr., & 5 May 2007	200 - 75	0.23	15	0.5	+2.9	+3.4
Reach F (Branch Channel): Beginning approximately 890 feet seaward of RED NUN #2 at the initial bend of the Main Channel; extending south into Maneuvering Area, and ending at RED NUN #2.	Map 67 Pg 3 of 5; 25, 26, & 30 Apr., & 5 May 2007	200	0.12	15	13.8	13.0	10.8
Reach G: Irregularly shaped Maneuvering Area, with a 15 foot Authorized Project Depth, located adjacent to the Reach B portion of the Creek Channel as well as at the end of the Branch Channel.	Map 67 Pg 3 & 5 of 5; 25, 26, & 30 Apr., & 5 May 2007	Irregular	Irregular	15		8.3	
Reach H: Triangular Maneuvering Area located adjacent to, and South of, the Reach G Maneuvering Area. Reach H begins approximately 1,430 feet Southwest of GREEN CAN #1.	Map 67 Pg 5 of 5; 25, 26, & 30 Apr., & 5 May 2007	Irregular	Irregular	12		7.4	
Reach I: Irregularly shaped Anchorage Basin, with a 6 foot Authorized Project Depth, located adjacent to the Branch Channel; and adjacent to as well as North of the Reach G Maneuvering Area.	Map 67 Pg 3 & 5 of 5; 25, 26, & 30 Apr., & 5 May 2007	Irregular	Irregular	6		1.6	
REMARKS: <ul style="list-style-type: none"> All depths in MLW. Channel length is in nautical miles. 							

REMARKS (continued):

FLUSHING BAY AND CREEK

- **Reach A:** Shoaling exists in approximately half of the length of the Left Outside Quarter of the channel in this reach.
Shoaling exists in almost the entire length of the Right Outside Quarter of the channel in this reach.
Also the shoaling in the Right Outside Quarter of the channel extends approximately 13 feet into the Middle Half of the channel between GREEN CAN #7 and GREEN CAN #9.
- **Reach B:** Shoaling exists for much of the first 1,240 feet of the Left Outside Quarter of the channel in this reach.
Also shoaling exists in approximately the last 510 feet of the Left Outside Quarter of the channel in this reach.
With the exception of approximately the first 700 feet of this reach, shoaling exists in the majority of the Right Outside Quarter of the channel in this reach.
Sporadic shoaling exists along the right and left boundaries of the Middle Half of the channel throughout the majority of this reach.
- **Reach C:** Shoaling exists in the majority of the Left and Right Outside Quarters of the channel in this entire reach.
Shoaling exists in much of, approximately, the first 510 feet of the Middle Half of the channel in this reach.
Shoaling also exists in approximately the last 190 feet of the Middle Half of the channel in this reach. Lastly, within approximately the last 460 feet of this reach, there is shoaling having the approximate dimensions of 200 feet by 17 feet along the right boundary of the Middle Half of the channel.
- **Reach D:** With the exception of a small area within the first 440 feet of this reach, severe shoaling exists throughout this entire reach.
- **Reach E:** No substantial survey data is available for this reach.
- **Reach F:** Shoaling exists in approximately the last 335 feet of the Left Outside Quarter of the channel of this reach.
Shoaling exists in almost the entire Right Outside Quarter of the channel in this reach.
Shoaling exists in much of the Middle Half of the channel in this reach.
- **Reach G:** Shoaling exists in the majority of this irregularly shaped maneuvering area.
- **Reach H:** Shoaling exists in the majority of this triangular maneuvering area.
- **Reach I:** Significant shoaling exists in much of this irregularly shaped maneuvering area.